

An environmental justice (EJ) enhanced review has been completed for this case using EJSCREEN, EPA's Environmental Justice screening tool. It has been determined that one or more of the Primary EJ Indexes are at or above the 80th percentile for the impacted community. Such communities are considered overburdened and potentially have a disproportionate share of risk to their health and their environment from pollution. It is recommended that the Department of Justice and EPA work together to identify and develop sentencing options that benefit communities and victims overburdened by illegal pollution.

### **ENVIRONMENTAL INDICATOR TABLE FOR POTENTIAL ENVIRONMENTAL JUSTICE CONCERNS**

Village of Crestwood, IL  
13840 South Cicero Avenue  
Crestwood IL 60445

Cook  
41.647213 -87.737997  
SDWA/SDWA Tampering with Public Water System  
0500-0614/170318236032

| <b>Environmental Indicator</b>        | <b>Health Risks</b>   | <b>Likely Exposure Medium</b>  | <b>Presence in Community</b> |
|---------------------------------------|---|--|------------------------------|
| <i>Particulate Matter</i>             | Premature death from cardiovascular disease and lung cancer. Contributes to pulmonary health issues   | Air inhalation   | 86%                          |
| <i>Ozone</i>                          | Coughing, reduction of lung function, exacerbation of pre-existing respiratory disease.   | Air inhalation   | 81%                          |
| <i>NATA Diesel PM</i>                 | Contributes to cancer, respiratory and neurological risks.  | Air inhalation   | 86%                          |
| <i>NATA Air Toxics Cancer Risk</i>    | Increased cancer risk based on inhalation over the course of a lifetime.  | Air inhalation   | 80%                          |
| <i>NATA Respiratory Hazard Index</i>  | Increased respiratory health problems based on increased concentration of exposure.   | Air inhalation   | 80%                          |
| <i>NATA Neurological Hazard Index</i> | Increased neurological health problems based on increased concentration of exposure.  | Air inhalation   | 84%                          |
| <i>Traffic Proximity and Volume</i>   | Vehicle-related emissions contribute to asthma, cardiovascular disease, and cancer. Noise contributes to sleep disturbance, hypertension, altered heart rate, and ischemic (restricted blood flow) heart disease. | Air inhalation, proximity  | 94%                          |
| <i>Lead Paint Indicator</i>           | Can cause neurological damage at low exposure levels. Particularly hazardous to children.   | Air inhalation, water contamination, soil contamination, consumption | 88%                          |
| <i>Proximity to</i>                   | Chemicals from NPL are extremely  | Air inhalation, water  |                              |

|   |   |  |     |
|---|---|--|-----|
| <i>Superfund (NPL) Sites</i>  | variable, and sites present an expansive range of health risks to people living near them.  | contamination, soil contamination                                  | 82% |
| <i>Proximity to Risk Management Plan (RMP) Facilities</i>             | High risk of acute exposure to very harmful substances known to cause severe morbidity and death.                                 | Air inhalation, water contamination, soil contamination, proximity | 96% |
| <i>Proximity to Treatment, Storage and Disposal Facilities (TSDF)</i> | Health effects vary with individual chemicals, though all chemicals subject to TSDF handling are considered hazardous under RCRA. | Air inhalation, water contamination, soil contamination, proximity | 99% |
| <i>Proximity to Major Direct Water Dischargers</i>                    | Health effects vary depending on the nature of the discharged material.   | Water contamination, soil contamination                            | 76% |

#### DEMOGRAPHIC INDICATOR TABLE:

| <b>Demographic Indicator</b>           | <b>Description<br/>(Based on Census Block Group)</b>                        | <b>Presence In Community</b> |
|--|---|------------------------------|
| <i>Demographic Index</i>               | Average of Low Income and Minority population                               | <b>94%</b>                   |
| <i>Minority Population</i>             | Self-identify ethnically or racially as non-white                           | <b>100%</b>                  |
| <i>Low Income Population</i>           | Household income is less than or equal to twice federal poverty level       | <b>82%</b>                   |
| <i>Linguistic Isolation</i>            | Households (age 14 years and over) that speak a non-English language        | <b>65%</b>                   |
| <i>Less than high school education</i> | People (age 25 or older) whose education is short of a high school diploma. | <b>83%</b>                   |
| <i>Individuals under age 5</i>         | Individuals under the age of five years                                     | <b>15%</b>                   |
| <i>Individuals over age 64</i>         | Individuals over the age of 64 years  | <b>78%</b>                   |